

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1. (Currently Amended) A system comprising executable components embodied on a computer-readable storage medium that when executed on a processor facilitates representing a class of resources, comprising:

an abstract or physical resource associated with a class of resources having common characteristics; and

a class identifier that uniquely represents the class of resources to which the abstract or physical resource is associated, the class identifier is a uniform resource identifier (URI) that uses a single-character placeholder in place of a name of a specific resource of the class and is used to retrieve probe information for the class of resources without retrieving a probe of a particular instance of the abstract or physical resource, wherein the class identifier is converted to a specific identifier when the placeholder is replaced with the name of a specific instance of the abstract or physical resource.

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Original) The system of claim 1, the class identifier is included in an instrumentation catalog comprising a plurality of identifiers, each associated with one of an abstract resource, a physical resource, a collection of resources, and a class of resources.

6. (Cancelled)

7. (Cancelled)

8. (Previously Presented) The system of claim 1, the class identifier includes at least two single-character placeholders to facilitate accessing a data subcomponent within a data component, wherein a first of the at least two single-character placeholders represents the data component, and a second of the at least two single-character placeholders represents the data subcomponent.

9. (Currently Amended) The system of claim 1, the class identifier is included as an entry in an instrumentation catalog, which entry associates information about the class identifier, including at least one of purpose, usage, values to use for placeholders, ~~and~~ or a returned value.

10. (Original) The system of claim 1, the class identifier passes values to a method associated with instances.

11. (Previously Presented) The system of claim 1, the class identifier is configured and executed to return a list of all running instances of an associated application.

12. (Currently Amended) A system comprising executable components embodied on a computer-readable storage medium that when executed on a processor facilitates representing a class of resources, comprising:

an abstract or physical resource associated with a resource class, the resource class representing a category of resources having common characteristics; and

a URI that uniquely represents the resource class and includes at least one single-character placeholder in place of a name of specific resource within the class, the URI facilitating retrieval of probe information for the resource class without retrieval of a specific instance of a resource within the class, wherein the URI representing the resource class is converted to a specific resource identifier when the at least one placeholder is replaced with the name of a specific resource.

13. (Cancelled)

14. (Previously Presented) The system of claim 12, the URI includes at least two single-character placeholders to facilitate accessing a data subcomponent within a data component.
15. (Original) A computer system operating in accordance with claim 12.
16. (Original) A computer-readable medium having computer executable instructions that embodies the system of claim 12.
17. (Currently Amended) A method of representing a class of resources, comprising:
receiving an abstract or physical resource associated with a resource class, the resource class representing a category of resources having common characteristics;
representing the resource class with a URI that includes at least one placeholder in place of a name of a specific resource name; ~~and~~
processing the URI to retrieve management information associated with the resource class without retrieving an instance of the specific abstract or physical resource;
converting the URI of the resource class to a URI for a specific resource by replacing the at least one placeholder with a specific instance name.
18. (Original) The method of claim 17, the URI uniquely represents the resource class.
19. (Previously Presented) The method of claim 17, the resource class is associated with one of system devices, processes, or threads.
20. (Cancelled)
21. (Cancelled)
22. (Previously Presented) The method of claim 17, further comprising employing at least two single-character placeholders to access an instance within at least another instance.

23. (Previously Presented) The method of claim 17, further comprising employing at least two placeholders in the URI to pass values to a method associated with an instance, at least a first one of the at least two placeholders represents an instance name and at least a second of the at least two placeholders represents a new value for a parameter associated with the instance.

24. (Currently Amended) A method of accessing data representative of a class of resources, comprising:

uniquely associating a URI with a resource class, the URI uses at least one single-character placeholder in place of a name of a specific resource; ~~and~~

processing the URI to return data representative of the class without returning a specific resource;

substituting the at least one single-character placeholder with the name of a specific resource; and

processing the modified URI to return information representative of a specific resource.

25. (Original) The method of claim 24, the URI is processed on a local system and accesses an associated resource class of a remote system.

26. (Previously Presented) The method of claim 24, further comprising employing at least two single-character placeholders to pass values to a method associated with an instance.

27. (Currently Amended) A computer-readable medium having computer-executable instructions for performing a method for representing a class of resources, the method comprising:

uniquely associating a URI with a resource class, the URI uses at least one single-character placeholder in place of a name of a specific resource; ~~and~~

processing the URI to return data representative of the resource class without returning a specific resource[.];

modifying the URI to replace the at least one placeholder with a name of a specific resource in the class of resources;

processing the modified URI to return data representative of the named resource; and
employing at least two placeholders in the URI to pass values to a method associated with an instance of a specific resource in the class of resources, a first of the at least two placeholders represents the name of the specific resource and a second of the at least two placeholders represents a new value for a parameter associated with the specific resource.

28. (Original) The method of claim 27, further comprising:

processing the URI on a local system; and

accessing an associated resource class of a remote system.

29. (Cancelled)

30. (Currently Amended) A computer-readable medium having computer-executable instructions that facilitate representing a class of resources, the system comprising:

an abstract or physical resource associated with a class of resources having common characteristics; and

a class identifier that uniquely represents the class of resources to which the abstract or physical resource is associated, the class identifier includes a single-character placeholder in place of a specific resource name and facilitates retrieval of probe information for the class of resources without retrieval of a specific instance of a resource within the class, and wherein the class identifier is converted to a specific resource identifier by replacing the placeholder with a name of a specific ~~instance~~ resource.

31. (Cancelled)

32. (Cancelled)